Suggested Crown Mic Models For Various Applications

Microphone data sheets

ACCORDION: GLM-100 (2 or 3)) taped to instrument. CM-700 or CM-200A.

ACOUSTIC BASS: Close miking: GLM-100 or CM-200A.
Distant miking: CM-700.

ACOUSTIC GUITAR: Recording: CM-700, GLM-100 or SASS. Reinforcement: GLM-100, CM-200A.

ALTAR TABLE: PCC-170W or PCC-130W.

AMBIENCE: SASS or PZM.

AUDIENCE: PCC-160, CM-700 or PZM.

BANJO: CM-700, CM-200A or GLM-100.

BASS: See Acoustic Bass.

BRASS: Recording: CM-700. Reinforcement: CM-700, CM-200A, or GLM-100 attached to bell.

CHOIR: Recording: CM-700 (less reverb, natural) or SASS (more reverb, brighter). Reinforcement: CM-30, CM-31 or CM-700.

CONFERENCE: Multiple mics: PCC Series or MB Series (tabletop) or LM Series (lectern mics). Single mics: PZM Series, Sound Grabber II.

CYMBALS: CM-700 (for lowest noise) or GLM-200 (for brighter highs).

DRUMS:
Snare and toms: CM-700 or GLM-200.
Kick Drum: CM-700, GLM-100 or PZM-30D.
Overhead cymbals: CM-700 or GLM-200.
Single-mic pickup: CM-700 overhead, PZM on drummer's chest, or GLM-100 clipped to right side of snare drum, 4 inches over the rim.

LAVALIER: GLM-100.

LECTERN: 1. LM Series 2. PCC Series.

MANDOLIN, BOUZOUKI, DOBRO: CM-700, CM-200A, or GLM-100 taped to instrument.

MEASUREMENT: GLM-100.

MINISTER: Lavalier: GLM-100.
Pulpit: LM-201, LM-300A, LM-301A.

NARRATION RECORDING: CM-700 with a hoop-type pop filter.

NEWS/SPORTS REPORTING (FIELD): Headworn: CM-311A, CM-312A.
Stand-mounted or handheld: CM-200A, CM-310A.

ORCHESTRA, SYMPHONIC BAND, PIPE ORGAN:CM-700, PZM-6D, SASS.

PERCUSSION: 1. CM-700. 2. CM-200A. 3. GLM-100, GLM-200 or PZM Series.

PIANO: See Grand Piano or Upright Piano.

PULPIT: Lavalier: GLM-100.
On pulpit: LM-201, LM-300A, LM-301A.

SAX: Recording: CM-700.
Reinforcement: CM-200A, or GLM-100 clipped to top of bell facing sound holes.

SECURITY AND SURVEILLANCE:
XLR connector: PZM-10.
Pigtail connector, line-level: PZM-10LL. Screw-terminal connector: PZM-11.
Screw-terminal connector, line level: PZM-11LL.
Ceiling or overhang directional mic: MB-3.
Water resistant: PZM-11LLWR.

SPEECHES: Talker wanders: GLM-100 as a lavalier mic, or CM-312A headworn mic.
Talker remains at lectern: LM Series, PCC Series.

ELECTRIC GUITAR: CM-200A or CM-700.

FIDDLE: CM-700.
Singing fiddler: CM-200A.
Clipped to fiddle: GLM-100 or GLM-200.

FILM: Lavalier: GLM-100.
Ambience: SASS.

FLUTE: CM-700, or GLM-100 taped between mouthpiece and holes.

GRAND PIANO: CM-700 or PZM-6D.

GUITAR: See Acoustic Guitar or Electric Guitar.

HARMONICA: Close: CM-200A.
Distant: CM-700.

HARP: Recording: CM-700 or SASS.
Reinforcement: GLM-100 inside soundboard.

HI-HAT: CM-700 or GLM-200.

INTERCOM: Outdoor: PZM-11LLWR.

INTERVIEWS: Outdoor: CM-200A with windscreen.
Lavalier: GLM-100.
Table-top: Two PCC-170.

THEATER, DRAMA, OPERA, MUSICALS:
Stage floor: PCC-160. Hanging: CM-30 CM-31.
Body: GLM-100.

TOM-TOMS: See Drums

UPRIGHT PIANO: 1. CM-700.
2. GLM-100 taped to soundboard.

VIDEO: Lavalier: GLM-100.
Ambience: SASS.
Home video: Sound Grabber II.

VIOLIN: CM-700. Also see Fiddle.

VOCAL RECORDING: Overdubs: CM-700 with hoop-type pop filter. Live: CM-200A.

VOCAL REINFORCEMENT: Best sound: CM-200A.
Best gain-before-feedback and isolation:
Headworn: CM-311A, CM-311AE.
Stand-mounted: CM-310A, CM-310ASW.

WEDDING: Lavalier: GLM-100.
On floor: Sound Grabber II or PZM-30D.

WOODWINDS: Recording: CM-700.
Reinforcement: GLM-100 clipped to instrument.